

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/045135 A1

(51) International Patent Classification⁷: E01F 13/12,
13/04

(21) International Application Number:
PCT/AU2004/001544

(22) International Filing Date:
8 November 2004 (08.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003906127 6 November 2003 (06.11.2003) AU

(71) Applicant (for all designated States except US): TALL-
WANG HOLDINGS PTY LTD [AU/AU]; 76 Albion
Road, Ashburton, Victoria 3147 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BUCKLEY, Nigel
[AU/AU]; 76 Albion Road, Ashburton, Victoria 3147

(AU). DEED, Paul, Morris [AU/AU]; 51-63 Jalta Court,
Keysborough, Victoria 3173 (AU). MACHER, Zeljko
[AU/AU]; 25 Sheldon Avenue, Mooroolbark, Victoria
3138 (AU).

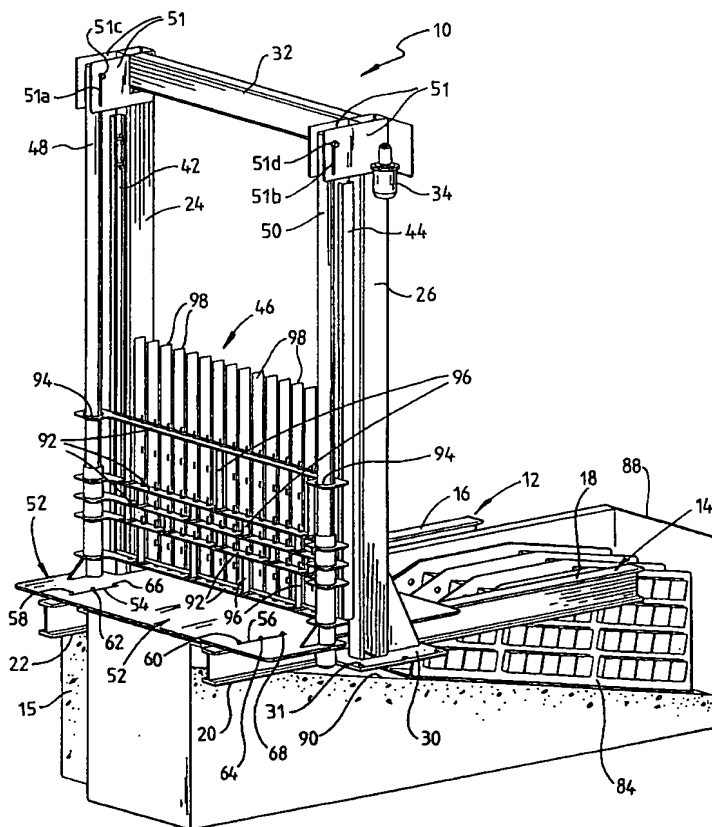
(74) Agent: MACAULEY, Colin, Douglas; Callinan Lawrie,
711 High Street, Kew, Victoria 3101 (AU).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: VEHICLE BARRIER SYSTEM



(57) Abstract: The invention discloses a vehicle
barrier system (10) including a barrier (46) mov-
able between an open position to allow vehicle ac-
cess therethrough and a closed position which pre-
vents vehicle access therethrough. Barrier (46) is
attached to barrier supports (48, 50) at either end
of barrier (46) with barrier supports (48, 50) being
secured to a ground engaging slide plate (52). The
ground engaging slide plate (52) will slide after a
predetermined force is applied thereto by vehicle
(102) impact with barrier (46) to absorb the impact
energy of vehicle (102).

WO 2005/045135 A1



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.